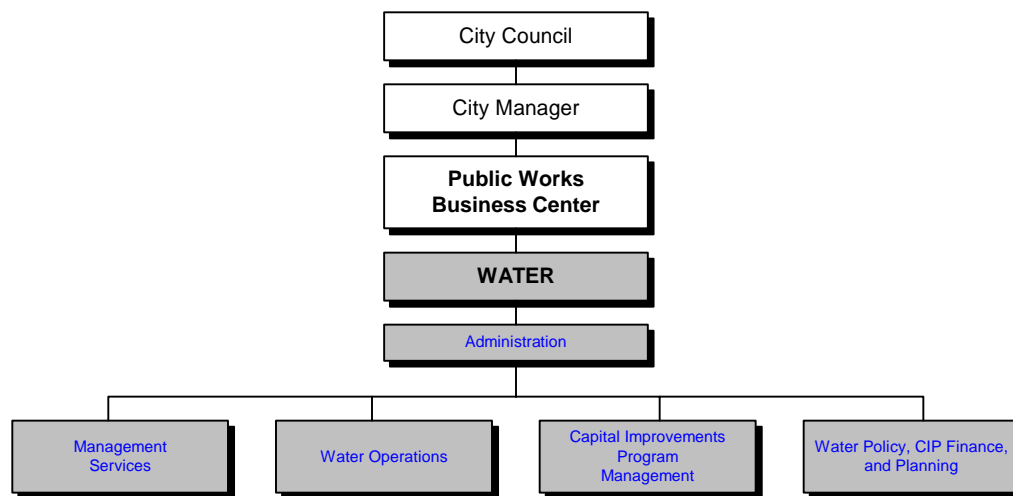


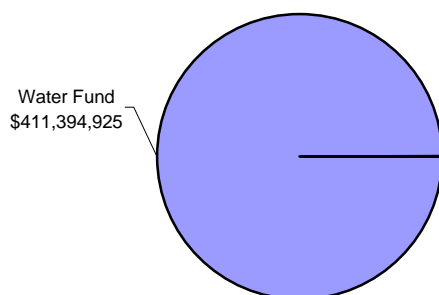
## mission statement

Provide the best quality of water to the citizens of San Diego in a professional, effective, efficient, and sensitive manner in all aspects of operation so that the public health, environment, and quality of life are enhanced.

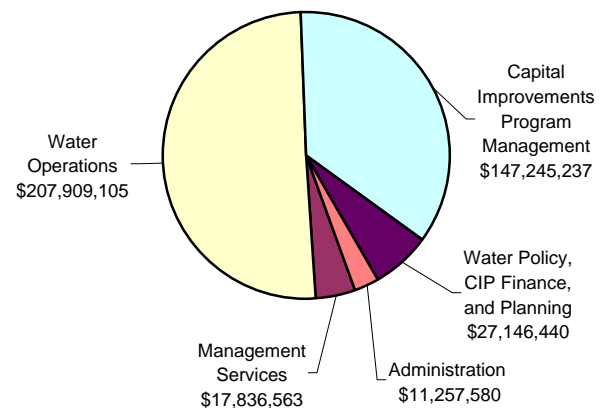
web address: <http://www.ci.san-diego.ca/water/>



source of funding



allocation of funding



# Water

water department summary			
	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
Positions	756.68	765.86	823.22
Personnel Expense	\$ 39,330,332	\$ 41,627,074	\$ 47,976,867
Non-Personnel Expense	273,525,415	293,382,921	363,418,058
<b>TOTAL</b>	<b>\$ 312,855,747</b>	<b>\$ 335,009,995</b>	<b>\$ 411,394,925</b>



Construction on the new Deerfield Water Pump Station and Pipelines started with a flourish of gold shovels at a groundbreaking ceremony held on November 18, 1999 with Councilmember Judy McCarty and community representatives. The project will provide enhanced water service to the area and cost approximately \$4.4 million to construct. It is scheduled to be completed in the spring of 2001.

	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
<b>department staffing</b>			
<b>WATER FUND</b>			
Administration	10.58	16.26	59.22
Management Services	219.10	214.60	191.00
Water Operations	465.00	464.00	487.00
Capital Improvements Program Mgmt	28.00	29.00	31.00
Water Policy, CIP Finance, & Planning	34.00	42.00	55.00
<b>TOTAL</b>	<b>756.68</b>	<b>765.86</b>	<b>823.22</b>

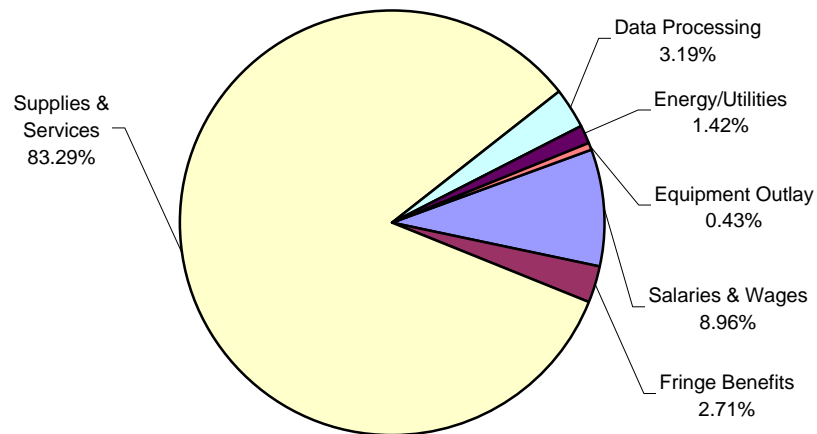
## department expenditures

<b>WATER FUND</b>			
Administration	\$ 1,172,270	\$ 1,489,001	\$ 11,257,580
Management Services	31,203,901	42,543,092	17,836,563
Water Operations	145,697,451	157,429,253	207,909,105
Capital Improvements Program Mgmt	122,242,565	108,354,490	147,245,237
Water Policy, CIP Finance, & Planning	12,539,560	25,194,159	27,146,440
<b>TOTAL</b>	<b>\$ 312,855,747</b>	<b>\$ 335,009,995</b>	<b>\$ 411,394,925</b>

## expenditures by category

	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
<b>PERSONNEL</b>			
Salaries & Wages	\$ 30,459,575	\$ 31,848,312	\$ <b>36,843,268</b>
Fringe Benefits	<u>8,870,757</u>	<u>9,778,762</u>	<u><b>11,133,599</b></u>
SUBTOTAL PERSONNEL	\$ 39,330,332	\$ 41,627,074	\$ <b>47,976,867</b>
<b>NON-PERSONNEL</b>			
Supplies & Services	\$ 256,651,775	\$ 276,299,052	\$ <b>342,641,177</b>
Data Processing	9,977,231	10,338,584	<b>13,151,380</b>
Energy/Utilities	5,879,531	5,767,565	<b>5,840,198</b>
Equipment Outlay	<u>1,016,878</u>	<u>977,720</u>	<u><b>1,785,303</b></u>
SUBTOTAL NON-PERSONNEL	\$ 273,525,415	\$ 293,382,921	\$ <b>363,418,058</b>
<b>TOTAL</b>	\$ 312,855,747	\$ 335,009,995	\$ <b>411,394,925</b>

**FY 2001**



# Water

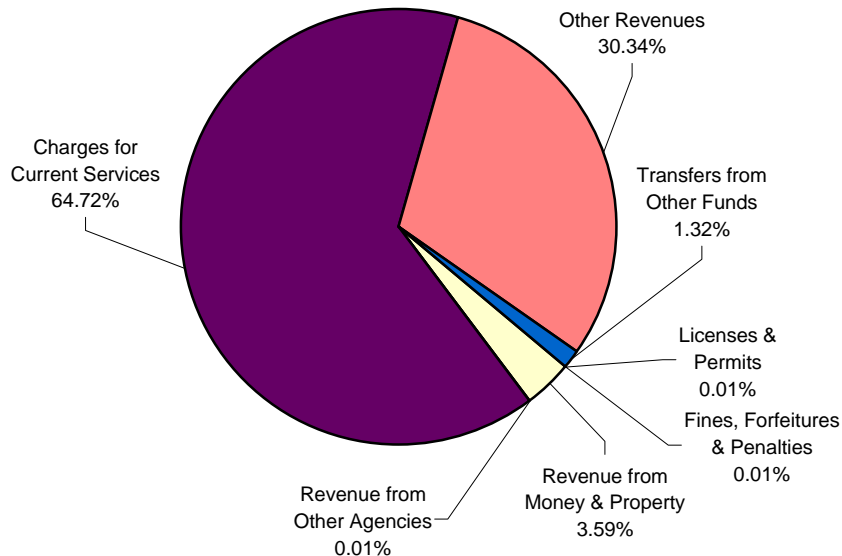
Water Fund - 41500

## revenue generated by category

	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
Licenses & Permits	\$ -	\$ -	\$ 1,000
Fines, Forfeitures & Penalties	1,029	2,000	2,000
Revenue from Money & Property	11,035,513	15,035,704	11,882,700
Revenue from Other Agencies	6,776,630	1,330,000	30,000
Charges for Current Services	187,753,184	206,948,567	214,046,172
Other Revenues	139,592,977	112,937,342	100,297,100
Transfers from Other Funds	10,155,694	5,800,502	4,371,531
<b>TOTAL</b>	<b>\$ 355,315,027</b>	<b>\$ 342,054,115</b>	<b>\$ 330,630,503</b>



Water Department Director Larry Gardner participated in a commemorative pipe-signing event at the Groundbreaking Ceremony for the Mid-City Pipeline project. This new 4.5-mile pipeline will cost \$25 million, enhance water service and delivery to the Mid-City communities, and provide redundancy to the existing system.



<b>administration division summary</b>			
	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
Positions	10.58	16.26	<b>59.22</b>
Personnel Expense	\$ 805,613	\$ 1,024,308	<b>\$ 4,106,071</b>
Non-Personnel Expense	<u>366,657</u>	<u>464,693</u>	<b><u>7,151,509</u></b>
TOTAL	<b>\$ 1,172,270</b>	<b>\$ 1,489,001</b>	<b>\$ 11,257,580</b>

	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
<b>division staffing</b>			
Department Management	2.58	2.76	<b>2.72</b>
Human Resources	8.00	13.50	<b>24.50</b>
Business Operations	<u>0.00</u>	<u>0.00</u>	<b><u>32.00</u></b>
TOTAL	<b>10.58</b>	<b>16.26</b>	<b>59.22</b>
<b>division expenditures</b>			
Department Management	\$ 481,818	\$ 388,470	<b>\$ 752,408</b>
Human Resources	690,452	1,100,531	<b>2,026,789</b>
Business Operations	<u>-</u>	<u>-</u>	<b><u>8,478,383</u></b>
TOTAL	<b>\$ 1,172,270</b>	<b>\$ 1,489,001</b>	<b>\$ 11,257,580</b>

# Water

## Administration

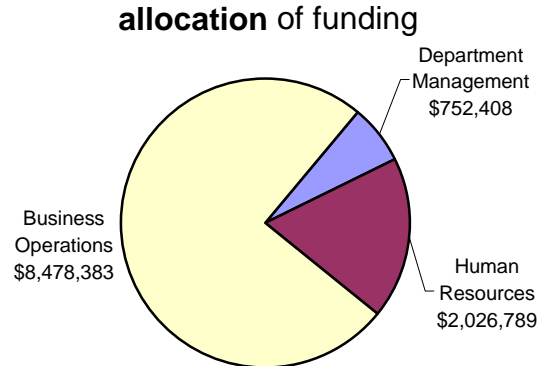
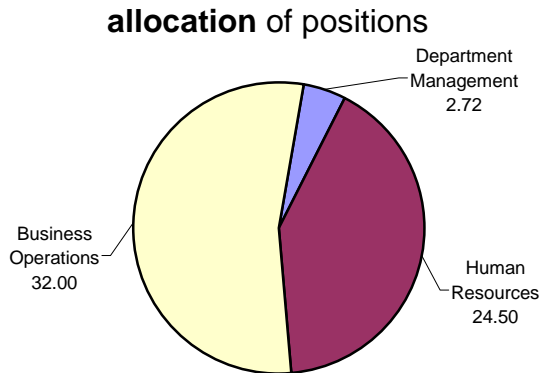
In 1999 the Water Department began a technology transfer program with Alexandria, Egypt. The two cities have similar climate, topography and water needs, so the City of San Diego is a natural sister city. Water Department Project Manager Tibor Varga along with a team of consultants and municipal employees assisted in evaluating and making changes to Egypt's current system and helped them prepare for any possible Y2K problems.

### significant budget adjustments

	POSITIONS	COST
Personnel expense adjustments <sup>(1)</sup>	0.00	\$132,000
Transfer of Management Information Systems Program from Management Services Division	13.00	\$3,373,000
Automated support for department and Citywide information systems	0.00	\$3,026,000
Transfer of Business Operations Program from Management Services Division	16.00	\$1,369,000
Transfer of Training Program from Management Services Division	7.00	\$570,000
Staffing and support for Human Resources Program	4.00	\$496,000
Staffing and support for Management Information Systems Program	3.00	\$488,000
Watershed Management Plan	0.00	\$250,000
Onetime expenditures	0.00	\$69,000
Deputy City Manager reallocation	(0.04)	(\$5,000)

<sup>(1)</sup> Adjustments to reflect the annualization of the Fiscal Year 2000 salary increases, Fiscal Year 2001 negotiated salary increases, average salaries and fringe benefits.

## division allocation



## performance measures

### human resources

#### Payroll Services

To effectively provide payroll services for the department's employees 100% of the time.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$228,553	\$297,783 <sup>(1)</sup>	\$283,370
<b>Output</b>				
# of paychecks validated and inputted in a year	N/A	20,650	21,824	24,130
<b>Internal Outcome</b>				
% of paychecks accurately validated and inputted within required time frame	N/A	100%	100%	100%
<b>External Outcome</b>				
% of objectives met	N/A	100%	100%	100%
<b>Efficiency</b>				
Average labor cost per paycheck validated and inputted	N/A	\$11.07	\$13.64	\$11.74

<sup>(1)</sup> In Fiscal Year 2000 cost per employee paycheck does not include \$192,619 in data processing budgeted for new computer software applications.

# Water

## Administration

### performance measures

#### training

#### Training

To manage and provide training services and programs that focus on insuring that all Water Department employees meet all legal and regulatory requirements in addition to job-related knowledge and skills.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	\$370,119	\$290,672	\$246,314	\$302,609
<b>Output</b>				
# of employees trained	727.47	756.68	765.86	823.22
<b>Internal Outcome</b>				
# of training hours provided <sup>(1)</sup>	14,716	14,581	14,000	16,000
<b>External Outcome</b>				
Provide training services and programs to Water Department employees to insure that employees are equipped to perform their jobs in a safe and effective manner, and insure that the department meets current legal and regulatory training requirements	Average of less than two outstanding required training classes per employee at the end of the fiscal year.	No outstanding required training classes at the end of the fiscal year.	Average of less than two outstanding required training classes per employee at the end of the fiscal year.	No outstanding required training classes at the end of the fiscal year.
<b>Efficiency</b>				
Average cost per employee trained	\$509	\$384	\$322	\$368

<sup>(1)</sup> The internal outcome for Fiscal Year 1999 was changed due to the number of training hours based on the percentage of the department personnel expenditures.



## description and salary schedule

### department management

This section manages and directs the activities of the Water Department; acts as liaison with local, state, and federal agencies; and advises the City of San Diego and the City Manager on water supply and other water related issues.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1876	Executive Secretary	1.38	1.36	\$ 43,586	\$ 59,276
2153	Deputy City Manager	0.38	0.36	135,386	48,740
2194	Water Department Director	1.00	1.00	122,770	122,770
	Ex Perf Pay-Unclassified				3,000
	Overtime Budgeted				541
	<b>TOTAL</b>	<b>2.76</b>	<b>2.72</b>	<b>\$</b>	<b>234,327</b>

### human resources

This program provides human resources management and training for the department. It coordinates recruitment and selection processes, performance evaluations, equal employment opportunity, discipline, employment development for the department's workforce, and other human resources programs. This program also performs centralized payroll services.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1107	Administrative Aide II	1.00	2.00	\$ 42,493	\$ 84,985
1226	Associate Personnel Analyst	2.00	3.00	53,654	160,962
1238	Payroll Supervisor	1.00	1.00	38,649	38,649
1489	Graphic Design Supervisor	0.00	1.00	49,443	49,443
1535	Clerical Assistant II	0.50	2.50	29,696	74,240
1648	Payroll Specialist II	5.00	5.00	32,741	163,706
1650	Senior Personnel Analyst	1.00	2.00	59,026	118,051
1746	Word Processing Operator	1.00	2.00	31,157	62,315
1870	Senior Water Utility Supv	0.00	2.00	46,856	93,712
1927	Supervising Personnel Analyst	1.00	2.00	66,533	133,066
1972	Safety & Training Mgr	0.00	1.00	66,737	66,737
2270	Program Manager	1.00	1.00	84,079	84,079
	Temporary Help <sup>(1)</sup>				118,537
	Overtime Budgeted				8,833
	<b>TOTAL</b>	<b>13.50</b>	<b>24.50</b>	<b>\$</b>	<b>1,257,315</b>

<sup>(1)</sup> Two Human Resource positions are to be added pending class studies.

# Water

## Administration

### description and salary schedule

#### business operations<sup>(1)</sup>

The Financial Services component of this program provides analytical support, financial control, budget coordination and cost accounting for the department. The Financial Services component also prepares and manages expenditure and revenue forecasts, periodic financial reports, budget development, contracts, grants and special study analyses. The Management Information Systems component develops and administers the annual budget and Service Level Agreement Work Plans between the department and the San Diego Data Processing Corporation for technology services. This component also manages the process that provides value-added technology tools. It also performs long-range technology business planning and provides technical assistance for all department microcomputer users.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1104	Account Clerk	0.00	3.00	\$ 31,128	\$ 93,383
1106	Senior Management Analyst	0.00	4.00	61,068	244,271
1107	Administrative Aide II	0.00	1.00	42,493	42,493
1218	Associate Management Analyst	0.00	7.00	54,267	379,870
1243	Info. Systems Administrator	0.00	1.00	72,810	72,810
1348	Information Systems Analyst II	0.00	3.00	52,755	158,264
1349	Info Systems Analyst III	0.00	2.00	58,606	117,212
1401	Information Systems Technician	0.00	5.00	41,689	208,443
1746	Word Processing Operator	0.00	2.00	31,157	62,315
1917	Supervising Management Analyst	0.00	1.00	66,322	66,322
1926	Information Systems Analyst IV	0.00	2.00	66,561	133,122
2270	Program Manager	0.00	1.00	84,079	84,079
	Overtime Budgeted				52,836
	<b>TOTAL</b>	<b>0.00</b>	<b>32.00</b>	<b>\$</b>	<b>1,715,420</b>

<sup>(1)</sup> In Fiscal Year 2001 this Activity Group was transferred from the Management Services Division.

# Water

## Management Services

<b>management services division summary</b>			
	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
Positions	219.10	214.60	<b>191.00</b>
Personnel Expense	\$ 9,314,492	\$ 10,469,289	<b>\$ 9,430,999</b>
Non-Personnel Expense	21,889,409	32,073,803	<b>8,405,564</b>
<b>TOTAL</b>	<b>\$ 31,203,901</b>	<b>\$ 42,543,092</b>	<b>\$ 17,836,563</b>

	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
<b>division staffing</b>			
Division Management	4.50	3.00	<b>6.00</b>
Business Operations	18.00	16.00	<b>0.00</b>
Management Information Systems	12.00	12.00	<b>0.00</b>
Water Resources Management	23.00	23.00	<b>24.00</b>
Training	7.00	7.00	<b>0.00</b>
Customer Services Office	51.00	51.00	<b>56.00</b>
Customer Services Field	47.60	46.60	<b>49.00</b>
Water Meter Services	56.00	56.00	<b>56.00</b>
<b>TOTAL</b>	<b>219.10</b>	<b>214.60</b>	<b>191.00</b>
<b>division expenditures</b>			
Division Management	\$ 862,639	\$ 320,123	<b>\$ 584,181</b>
Enterprise Fund Management	7,330,158	22,347,559	-
Business Operations	3,486,521	1,369,096	-
Management Information Systems	3,797,332	3,373,161	-
Water Resources Management	4,298,346	4,207,814	<b>4,021,095</b>
Training	600,165	569,901	-
Customer Services Office	3,908,695	3,884,051	<b>6,149,537</b>
Customer Services Field	2,316,464	2,462,671	<b>2,719,987</b>
Water Meter Services	4,603,581	4,008,716	<b>4,361,763</b>
<b>TOTAL</b>	<b>\$ 31,203,901</b>	<b>\$ 42,543,092</b>	<b>\$ 17,836,563</b>

# Water

## Management Services

### significant budget adjustments

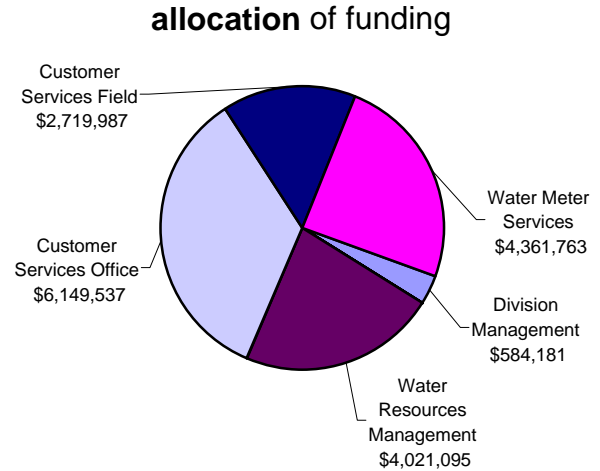
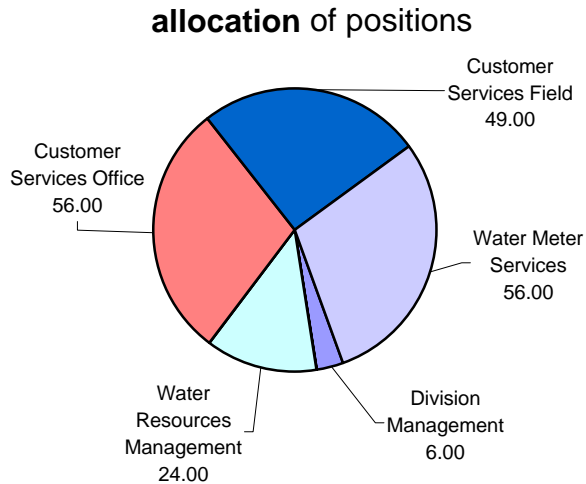


The new Deerfield Water Pump Station will feature state-of-the-art technology and provide enhanced water service for the San Carlos community. New water transmission lines will also be installed as part of the project to connect the new pump station to the existing water supply and delivery system.

	POSITIONS	COST
Personnel expense adjustments <sup>(1)</sup>	0.00	\$633,000
Support for Revenue Recovery Program	0.00	\$1,500,000
Addition of staffing and support as a result of the City Manager's review of the Water Department	12.40	\$719,000
Automated Support for Customer Information System	0.00	\$213,000
Support for Customer Services Office	0.00	\$139,000
Motive equipment assignment and usage charges	0.00	\$53,000
Transfer of Enterprise Fund Management Program to Water Operations Division	0.00	(\$22,348,000)
Transfer of Management Information Systems Program to Administration Division	(13.00)	(\$3,373,000)
Transfer of Business Operations Program to Administration Division	(16.00)	(\$1,369,000)
Transfer of Training Program to Administration Division	(7.00)	(\$570,000)
Automated support for department and Citywide information systems	0.00	(\$154,000)
Onetime expenses	0.00	(\$150,000)

<sup>(1)</sup> Adjustments to reflect the annualization of the Fiscal Year 2000 salary increases, Fiscal Year 2001 negotiated salary increases, average salaries and fringe benefits.

## division allocation



## performance measures

### customer services office

#### Customer Information

Answer 90% of 310,000 non-emergency customer calls within thirty seconds.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	\$798,615	\$752,076	\$1,399,760	\$1,219,366
<b>Output</b>				
# of calls answered	302,725	302,586	310,000	310,000
<b>Internal Outcome</b>				
% of calls answered within 30 seconds	95% <sup>(1)</sup>	86%	90%	90%
<b>External Outcome</b>				
% of customers reporting satisfaction	70%	70%	80%	80%
<b>Efficiency</b>				
Average cost per customer contact	\$2.64	\$2.49	\$4.52	\$3.93

<sup>(1)</sup> In Fiscal Year 1998 the performance measure was "percentage of customer service phone calls answered within two minutes."

# Water

## Management Services

### performance measures

#### customer services office

##### Billing

To receive 7% of bills through direct debit.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	\$401,218	\$549,453	\$1,149,473 <sup>(1)</sup>	\$1,056,390
<b>Output</b>				
# of bills issued	1,666,334	1,620,560	1,667,000	1,667,000
<b>Internal Outcome</b>				
% of payments received through direct debit	7%	7%	8%	7%
<b>External Outcome</b>				
% of customers reporting satisfaction	70%	70%	80%	80%
<b>Efficiency</b>				
Average cost per bill sent	\$0.24	\$0.34	\$0.69	\$0.63

<sup>(1)</sup> Fiscal Year 2000 Budget includes \$560,000 for postage, which was previously budgeted in Payment Processing.

#### customer services office

##### Payment Processing

To accurately post 99% of 1,555,000 customer payments within one working day.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	\$795,017	\$744,215	\$275,935 <sup>(1)</sup>	\$300,964
<b>Output</b>				
# of payments processed	1,584,191	1,516,047	1,555,000	1,555,000
<b>Internal Outcome</b>				
% of payments accurately processed within one working day	92%	80%	99%	99%
<b>External Outcome</b>				
% of customers reporting satisfaction	70%	70%	80%	80%
<b>Efficiency</b>				
Average cost per payment processed	\$0.50	\$0.49	\$0.18	\$0.19

<sup>(1)</sup> Fiscal Year 2000 Budget does not include \$560,000 for postage, which is now budgeted in Billing.

## performance measures

### customer services field

#### Meter Reading

To maintain a meter accuracy rate of 99.7%.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	\$965,803	\$968,255	\$922,843	\$1,067,396
<b>Output</b>				
# of meters read <sup>(1)</sup>	1,557,336	1,516,136	1,540,000	1,540,000
<b>Internal Outcome</b>				
% of accurate meter reads	99.7%	99.7%	99.7%	99.7%
<b>External Outcome</b>				
% of customers reporting satisfaction	70%	70%	80%	80%
<b>Efficiency</b>				
Average cost per meter read bi-monthly	\$0.62	\$0.63	\$0.60	\$0.69

<sup>(1)</sup> Includes commercial, residential and industrial meters.

# Water

## Management Services

### description and salary schedule

#### division management

This program provides management and administration for the Management Services Division. It directs and oversees the performance of the division's sections in order to meet each section's objectives and to accomplish the departments overall mission.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1106	Senior Management Analyst	0.00	1.00	\$ 61,068	\$ 61,068
1746	Word Processing Operator	1.00	2.00	31,157	62,315
1871	Sr Public Info Officer	1.00	1.00	53,343	53,343
2214	Deputy Director	1.00	1.00	97,863	97,863
2250	Assistant Deputy Director	0.00	1.00	84,079	84,079
	Ex Perf Pay-Classified				13,000
	<b>TOTAL</b>	<b>3.00</b>	<b>6.00</b>	<b>\$</b>	<b>371,668</b>

#### business operations<sup>(1)</sup>

This program provides analytical and financial support for the department including financial control, budgeting coordination, and cost accounting. The program also prepares and manages expenditure and revenue forecasts, periodic financial reports, budget development, contracts, grants, and special study analyses for the division and department.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1104	Account Clerk	3.00	0.00	\$ -	\$ -
1106	Senior Management Analyst	3.00	0.00	-	-
1107	Administrative Aide II	1.00	0.00	-	-
1218	Associate Management Analyst	6.00	0.00	-	-
1650	Word Processing Operator	1.00	0.00	-	-
1746	Supervising Management Analyst	1.00	0.00	-	-
2270	Program Manager	1.00	0.00	-	-
	<b>TOTAL</b>	<b>16.00</b>	<b>0.00</b>	<b>\$</b>	<b>-</b>

<sup>(1)</sup> In Fiscal Year 2001 this Activity Group was transferred to the Administration Division.



## description and salary schedule

**management  
information  
systems<sup>(1)</sup>**

This program manages the process that provides value-added technology tools that enable Water Department office and field staff to easily capture, integrate, and transform raw data into business information to support decision making in the organization with the right information at the right time at the lowest cost, supported by quality customer service. It develops and administers the annual budget and Service Level Agreement Work Plans between the department and the San Diego Data Processing Corporation for technology services. It performs long-range technology business planning, provides contract administration for maintenance and enhancements to existing systems, sets standards for project development, provides data integration training, and provides user documentation. This program also provides help-desk services and technical assistance for all department microcomputer users.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES		
		FY 2000	FY 2001		CLASS	TOTAL
1243	Info Systems Administrator	1.00	0.00	\$	-	\$ -
1348	Info Systems Analyst II	2.00	0.00		-	-
1349	Info Systems Analyst III	1.00	0.00		-	-
1401	Info Systems Technician	5.00	0.00		-	-
1746	Word Processing Operator	1.00	0.00		-	-
1926	Information Systems Analyst IV	2.00	0.00		-	-
<b>TOTAL</b>		<b>12.00</b>	<b>0.00</b>		<b>\$</b>	<b>-</b>

<sup>(1)</sup> In Fiscal Year 2001 this Activity Group was transferred to the Administration Division.

# Water

## Management Services

### description and salary schedule

#### training<sup>(1)</sup>

The goal of this program is to provide employee development for the department's workforce. The training staff provides internal training and employee development activities specifically designed to improve employee knowledge and capabilities in utilities-related skills. It also coordinates employee enrollment in external seminars, correspondence courses, voluntary certification training, and tuition reimbursements on a department-wide basis.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1107	Administrative Aide II	1.00	0.00	\$ -	\$ -
1489	Graphic Design Supervisor	1.00	0.00	-	-
1535	Clerical Assistant II	2.00	0.00	-	-
1870	Senior Water Utility Supervisor	2.00	0.00	-	-
1972	Safety & Training Mgr	1.00	0.00	-	-
<b>TOTAL</b>		<b>7.00</b>	<b>0.00</b>	<b>\$</b>	<b>-</b>

<sup>(1)</sup> In Fiscal Year 2001 this Activity Group was transferred to the Administration Division.

## description and salary schedule

### water resources management

The Water Resources Management Program develops and administers Citywide water conservation programs designed to promote permanent water savings, foster water conservation through community education and informational campaigns, distribute water conservation and reclamation materials, manage ultra low-flush toilet (ULFT) rebates, investigate water waste complaints, maintain a 24-hour water conservation hotline, and conduct water use surveys. This section also markets and manages the retrofit of customers from potable water to reclaimed water.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1105	Administrative Aide I	1.00	1.00	\$ 37,260	\$ 37,260
1106	Senior Management Analyst	1.00	1.00	61,068	61,068
1107	Administrative Aide II	1.00	2.00	42,493	84,985
1153	Assistant Engineer-Civil	1.00	1.00	54,509	54,509
1218	Associate Management Analyst	3.00	3.00	54,267	162,802
1221	Associate Engineer-Civil	1.00	1.00	62,852	62,852
1225	Associate Engineer-Mechanical	1.00	1.00	62,884	62,884
1465	Field Representative	4.00	4.00	31,995	127,977
1535	Clerical Assistant II	2.00	2.00	29,696	59,392
1556	Recycling Program Manager	1.00	1.00	76,686	76,686
1746	Word Processing Operator	2.00	2.00	31,157	62,315
1777	Public Information Officer	1.00	1.00	43,242	43,242
1855	Senior Civil Engineer	1.00	1.00	72,361	72,361
1879	Senior Clerk/Typist	1.00	1.00	36,878	36,878
1917	Supervising Management Analyst	1.00	1.00	66,322	66,322
1921	Supv Field Representative	1.00	1.00	35,270	35,270
	Bilingual - Regular				4,219
	Overtime Budgeted				7,909
<b>TOTAL</b>		<b>23.00</b>	<b>24.00</b>	<b>\$ 1,118,931</b>	

# Water

## Management Services

### description and salary schedule

#### customer services office

The employees in this section function as office liaisons between the Water Department and the City's customers for water and sewer services. Water and sewer services are initiated, changed, and discontinued for customers. After service is established, charges are computed and billed, and payments are processed for services rendered. Inquiries regarding customer accounts are answered, disputes are resolved, corrections are made as necessary, and overdue bills are collected. In addition, this program coordinates the City's response to all emergency situations that affect the City's ability to provide water and sewer services.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1218	Associate Management Analyst	1.00	1.00	\$ 54,267	\$ 54,267
1348	Information Systems Analyst II	1.00	0.00	-	-
1393	Customer Services Supervisor	0.00	1.00	57,674	57,674
1394	Cust Services Representative	34.00	38.00	32,682	1,241,913
1535	Clerical Assistant II	6.00	7.00	29,696	207,871
1746	Word Processing Operator	2.00	2.00	31,157	62,315
1860	Sr Cust Svcs Representative	5.00	6.00	37,354	224,125
1879	Senior Clerk/Typist	1.00	0.00	-	-
1917	Supervising Management Analyst	1.00	1.00	66,322	66,322
	Bilingual - Regular				1,390
	Overtime Budgeted				3,923
<b>TOTAL</b>		<b>51.00</b>	<b>56.00</b>	<b>\$</b>	<b>1,919,800</b>

## description and salary schedule

### customer services field

This program is the field liaison between the Water Department and the City's customers for water and sewer services. This program provides for meter reading; restores and shuts off water service; and investigates water theft. Sewer service for commercial and industrial customers is classified and customers are charged according to quantity and quality of sewage.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1356	Code Compliance Officer	3.00	4.00	\$ 36,913	\$ 147,651
1393	Customer Services Supervisor	1.00	1.00	57,674	57,674
1394	Cust Services Representative	1.00	1.00	32,682	32,682
1465	Field Representative	5.00	5.00	31,995	159,973
1535	Clerical Assistant II	1.00	1.00	29,696	29,696
1555	Junior Engineering Aide	2.00	2.00	36,361	72,722
1620	Meter Reader	15.60	17.00	29,244	497,144
1727	Principal Engineering Aide	1.00	1.00	48,925	48,925
1861	Senior Engineering Aide	1.00	1.00	41,757	41,757
1869	Senior Meter Reader	1.00	1.00	32,240	32,240
1870	Senior Water Utility Supv	1.00	1.00	46,856	46,856
1917	Supervising Management Analyst	1.00	1.00	66,322	66,322
1925	Supervising Meter Reader	1.00	1.00	36,861	36,861
1978	Utility Worker I	12.00	12.00	29,662	355,945
	Bilingual - Regular				1,511
	Field Training Pay				5,000
	Temporary Help				23,787
<b>TOTAL</b>		<b>46.60</b>	<b>49.00</b>	<b>\$</b>	<b>1,656,746</b>

# Water

## Management Services

### description and salary schedule

#### meter services

The Meter Services group is responsible for the accuracy, maintenance, installation, and replacement of the 260,047 water meters within the City of San Diego. Also within this group is the Cross Connection/Backflow protection group whose responsibilities include maintaining City backflow devices and surveying the water services of facilities to insure they have adequate backflow protection.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1436	Equipment Technician I	9.00	9.00	\$ 36,196	\$ 325,767
1438	Equipment Technician II	6.00	6.00	38,753	232,516
1441	Equipment Technician III	1.00	1.00	42,670	42,670
1488	General Water Utility Supv	1.00	1.00	59,025	59,025
1535	Clerical Assistant II	2.00	2.00	29,696	59,392
1727	Principal Engineering Aide	1.00	1.00	48,925	48,925
1861	Senior Engineering Aide	5.00	5.00	41,757	208,784
1870	Senior Water Utility Supv	2.00	2.00	46,856	93,712
1978	Utility Worker I	20.00	20.00	29,662	593,240
1991	Water Utility Supervisor	1.00	1.00	42,759	42,759
1992	Water Utility Worker	8.00	8.00	32,682	261,455
	Field Training Pay				84,253
	Overtime Budgeted				11,919
	<b>TOTAL</b>	<b>56.00</b>	<b>56.00</b>	<b>\$</b>	<b>\$ 2,064,417</b>

# Water

## Water Operations

water operations division summary			
	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
Positions	465.00	464.00	487.00
Personnel Expense	\$ 25,189,058	\$ 25,227,619	\$ 28,057,529
Non-Personnel Expense	120,508,393	132,201,634	179,851,576
TOTAL	\$ 145,697,451	\$ 157,429,253	\$ 207,909,105

	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
<b>division staffing</b>			
Water Administration	14.00	12.00	22.00
Safety	6.00	6.00	6.00
Water System Engineering	49.00	46.00	49.00
Water Laboratory	52.00	54.00	51.00
Water Construction	157.00	166.00	181.20
Reservoir Construction & Maintenance	41.00	37.00	0.00
System Operations	102.00	99.00	133.80
Lakes & Recreation/Reservoir Mgmt	44.00	44.00	44.00
TOTAL	465.00	464.00	487.00

<b>division expenditures</b>			
Water Administration	\$ 24,732,598	\$ 18,261,840	\$ 17,822,185
Safety	461,192	560,518	743,786
Water System Engineering	86,779,784	105,991,340	125,592,346
Water Laboratory	3,825,985	4,234,460	5,420,722
Water Construction	12,875,174	11,311,479	13,207,747
Reservoir Construction & Maintenance	2,345,142	3,287,069	-
System Operations	11,518,901	10,812,984	15,009,014
Lakes & Recreation/Reservoir Mgmt	3,158,675	2,969,563	3,509,364
Enterprise Fund Management	-	-	26,603,941
TOTAL	\$ 145,697,451	\$ 157,429,253	\$ 207,909,105

# Water

## Water Operations

### significant budget adjustments

In November, 1999 construction began on the 65<sup>th</sup> & Herrick Water Pump Station. This new pump station, located in Encanto, replaces an original facility built in 1949. The project includes construction of a masonry pump house, installation of three state-of-the-art variable speed pumps and a backup pump, an emergency generator and new electrical control equipment, and site and landscaping improvements. The project includes a unique viewing window allowing community residents the opportunity to see an operating pump station from the outside in. Cost of the project is approximately \$2.6 million.

	POSITIONS	COST
Personnel expense adjustments <sup>(1)</sup>	0.00	\$1,730,000
Transfer of Enterprise Fund Management Program from Administration Division	0.00	\$22,348,000
Water Purchases	0.00	\$16,190,000
45 Day Operating Reserve	0.00	\$3,200,000
Automated support for department and Citywide information systems	2.00	\$1,653,000
Groundwater Development Pilot Program	0.00	\$1,500,000
Contractual services	0.00	\$1,351,000
Staffing and support for Water Construction Program	13.00	\$1,096,000
Supplies and services	0.00	\$920,000
Staffing and support for Systems Operations Program	7.00	\$696,000
Onetime expenses	0.00	\$546,000
Support for Watershed Sanitary Survey Program	0.00	\$171,000
Staffing and support for Water Administration Program	2.00	\$139,000
Insurance rates and coverage adjustments	0.00	\$138,000

<sup>(1)</sup> Adjustments to reflect the annualization of the Fiscal Year 2000 salary increases, Fiscal Year 2001 negotiated salary increases, average salaries and fringe benefits.



**significant budget adjustments**

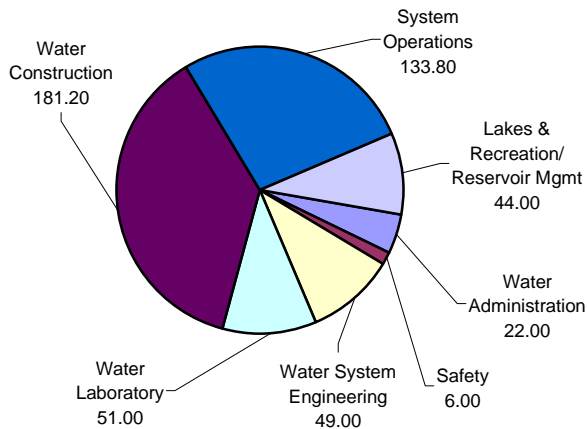
	<b>POSITIONS</b>	<b>COST</b>
Underground Storage Tank Maintenance Program	0.00	\$135,000
Support for Process Safety Management Program	0.00	\$75,000
Motive equipment assignment and usage charges	0.00	\$67,000
Utility rate and usage adjustments	0.00	\$61,000
Rent	0.00	\$24,000
Sacramento and Washington D.C. lobbying contracts	0.00	\$8,000
Council-directed reduction in rights-of-way fees	0.00	(\$1,500,000)
Transfer of staffing from the Water Laboratory Program to Metropolitan Wastewater Department/Environmental Monitoring and Technical Services, Fund 41509	(1.00)	(\$68,000)

# Water

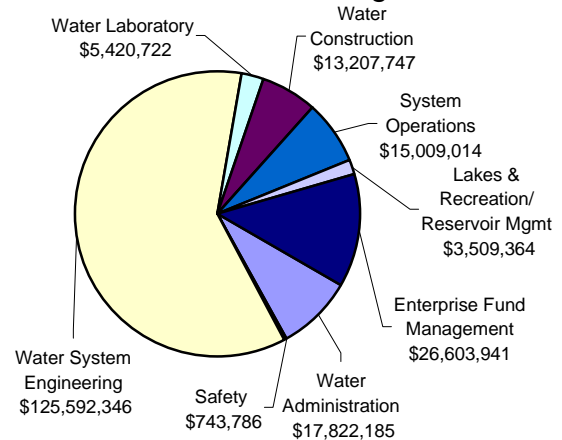
## Water Operations

### division allocation

**allocation of positions**



**allocation of funding**



### performance measures

#### water administration

#### Division Management

To manage the overall operations of the division and provide support to 487 employees.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$1,264,579	\$1,158,569	\$772,240
<b>Output</b>				
# of employees	N/A	465	464	487
<b>Internal Outcome</b>				
% of activities where objectives are met	N/A	100%	100%	100%
<b>External Outcome</b>				
% of time overall mission is accomplished	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per employee/objective met	N/A	2,720	\$2,497	\$1,586

## performance measures

### water system engineering

#### Production Engineering

To insure technical inspections and reports are performed 100% of the time within the assigned deadline at labor rates competitive with the private sector.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>	N/A	\$770,998	\$477,170	\$664,499
<b>Output</b>				
# of jobs completed within standard	N/A	2,200	2,200	2,200
<b>Internal Outcome</b>				
% of jobs completed within standard	N/A	100%	100%	100%
<b>External Outcome</b>				
% of inspections and reports completed within deadline and standard	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per job completed	N/A	\$350	\$217	\$302

### water laboratory

#### Chemistry

To provide chemical analysis, evaluation, and reporting of USEPA mandated drinking water for the City of San Diego.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>	N/A	N/A	N/A	1,603,499
<b>Output</b>				
# of tests performed	N/A	N/A	N/A	120,000
<b>Internal Outcome</b>				
% of inspections and reports completed within deadline and standard	N/A	N/A	N/A	100%
<b>External Outcome</b>				
% of time water quality standards are met	N/A	N/A	N/A	100%
<b>Efficiency</b>				
Average cost per test	N/A	N/A	N/A	\$13.36

# Water

## Water Operations

### performance measures

#### lakes and recreation/ reservoir management

#### Fishing and Boating

To provide recreational opportunities to users 365 days a year while performing required patrols and readings for nine reservoirs 100% of the time.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$1,321,852	\$1,105,665	\$1,184,735
<b>Output</b>				
# of reservoirs	N/A	9	9	9
<b>Internal Outcome</b>				
% of cost recoverable fishing/boating program activities provided at the reservoirs	N/A	100%	100%	100%
<b>External Outcome</b>				
% of satisfaction with lake recreation	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per reservoir maintained	N/A	\$146,872	\$122,852	\$131,637

## description and salary schedule

### water administration

This program provides management and administration for the Water Operations Division. It insures the delivery of high quality potable water to the City's users and provides overall supervision in order to meet each section's objectives.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1107	Administrative Aide II	0.00	2.00	\$ 42,493	\$ 84,985
1218	Associate Management Analyst	1.00	2.00	54,267	108,535
1348	Information Systems Analyst II	2.00	2.00	52,755	105,509
1535	Clerical Assistant II	1.00	4.00	29,696	118,783
1575	Data Entry Operator	0.00	1.00	31,994	31,994
1746	Word Processing Operator	2.00	6.00	31,157	186,945
1777	Public Information Officer	0.00	1.00	43,242	43,242
1870	Senior Water Utility Supv	2.00	0.00	-	-
1879	Senior Clerk/Typist	1.00	1.00	36,878	36,878
1917	Supervising Management Analyst	1.00	1.00	66,322	66,322
2214	Deputy Director	1.00	1.00	93,126	93,126
2250	Assistant Deputy Director	1.00	1.00	84,079	84,079
	Ex Perf Pay-Classified				25,865
	Standby Pay				85,000
	Confined Space Pay				75,000
	Overtime Budgeted				80,435
	<b>TOTAL</b>	<b>12.00</b>	<b>22.00</b>	<b>\$</b>	<b>1,226,698</b>

### safety

The goal of this program is to provide a safe and productive workplace for the department's employees and to insure that all applicable safety and environmental health regulations are followed. The safety staff conducts inspections, identifies and resolves problems, investigates accidents and injuries, provides emergency management and hazardous materials coordination, and conducts safety training classes.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1107	Administrative Aide II	1.00	1.00	\$ 42,493	\$ 42,493
1218	Associate Management Analyst	1.00	1.00	54,267	54,267
1438	Equipment Technician II	1.00	1.00	38,753	38,753
1826	Safety Representative II	2.00	2.00	50,048	100,095
1972	Safety & Training Mgr	1.00	1.00	66,737	66,737
	<b>TOTAL</b>	<b>6.00</b>	<b>6.00</b>	<b>\$</b>	<b>302,345</b>

# Water

## Water Operations

### description and salary schedule

#### water system engineering

The program provides engineering and operational support to the division. In particular, this section performs project administration, management, design, construction administration, and inspections for the City's water supply system. The section supports 10 surface water reservoirs, over 1,000 square miles of watersheds in the county, 13 dams, 3,000 miles of distribution mains, pump stations, operations/recreation facilities, groundwater wells, water resources management, budgets, purchases, billings, water rights, inter-agency agreements, hydrography, three treatment plants, and Water Department property issues. It is also the office liaison between the Water Department and the City's customers for water and sewer services. The Water Purchases section manages funding for importing water from the County Water Authority to supplement local water sources.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1153	Assistant Engineer-Civil	5.00	7.00	\$ 54,509	\$ 381,566
1221	Associate Engineer-Civil	6.00	8.00	62,852	502,814
1348	Information Systems Analyst II	1.00	1.00	52,755	52,755
1422	Drafting Aide	2.00	2.00	36,575	73,151
1423	Senior Drafting Aide	8.00	10.00	41,803	418,028
1520	Hydrography Aide	1.00	1.00	40,274	40,274
1535	Clerical Assistant II	1.00	0.00	-	-
1727	Principal Engineering Aide	3.00	3.00	48,925	146,775
1734	Principal Water Utility Suprv	1.00	1.00	54,322	54,322
1746	Word Processing Operator	1.00	0.00	-	-
1855	Senior Civil Engineer	1.00	1.00	72,361	72,361
1861	Senior Engineering Aide	2.00	2.00	41,757	83,514
1863	Senior Electrical Engineer	1.00	1.00	72,943	72,943
1870	Senior Water Utility Supv	1.00	1.00	46,856	46,856
1978	Utility Worker I	1.00	1.00	29,662	29,662
1991	Water Utility Supervisor	1.00	1.00	42,759	42,759
1992	Water Utility Worker	9.00	8.00	32,682	261,455
2270	Program Manager	1.00	1.00	84,079	84,079
	Overtime Budgeted				92,600
	<b>TOTAL</b>	<b>46.00</b>	<b>49.00</b>	<b>\$ 2,455,914</b>	

## description and salary schedule

### water laboratory

This program is responsible for monitoring and reporting the bacterial and chemical quality of the drinking water for the City of San Diego. The monitoring is performed according to state and federal mandates that determine the method, frequency, and type of analysis performed. The laboratory also performs extensive analyses for the Aquaculture Facility, water treatment plant process control, and reservoir management.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1136	Assistant Chemist	16.00	16.00	\$ 53,370	\$ 853,928
1160	Assistant Laboratory Tech	0.00	1.00	33,989	33,989
1220	Associate Chemist	5.00	5.00	61,627	308,134
1221	Associate Engineer-Civil	1.00	0.00	-	-
1275	Building Services Supervisor	1.00	1.00	45,583	45,583
1436	Equipment Technician I	1.00	1.00	36,196	36,196
1465	Field Representative	1.00	0.00	-	-
1578	Laboratory Assistant	1.00	1.00	25,267	25,267
1580	Laboratory Technician	10.00	10.00	40,857	408,571
1622	Biologist III	4.00	4.00	61,776	247,106
1624	Biologist II	9.00	8.00	53,164	425,315
1746	Word Processing Operator	1.00	0.00	-	-
1804	Senior Biologist	1.00	1.00	71,167	71,167
1854	Senior Chemist	1.00	1.00	71,243	71,243
1884	Water Product Superintendent	1.00	1.00	81,315	81,315
1902	Storekeeper I	1.00	1.00	34,028	34,028
	Overtime Budgeted				113,095
	<b>TOTAL</b>	<b>54.00</b>	<b>51.00</b>	<b>\$</b>	<b>2,754,937</b>

# Water

## Water Operations

### description and salary schedule

#### water construction

This program provides engineering and operational support to the division. It performs project administration, management, design, construction administration, and inspections for the City's water supply system. It supports 10 surface water reservoirs, over 1,000 square miles of county watersheds, 13 dams, 3,000 miles of distribution mains, pump stations, operations/recreation facilities, groundwater wells, water resource management, purchases, billings, water rights, inter-agency agreements, hydrography, treatment plants, and property issues. It is the office liaison between Water and the City's customers for water and sewer services. Water Purchases section manages funding for importing water from County Water Authority to supplement local water sources.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1288	Carpenter	1.00	1.00	\$ 42,208	\$ 42,208
1293	Cement Finisher	2.00	2.00	42,624	85,247
1436	Equipment Technician I	11.00	13.00	36,196	470,552
1438	Equipment Technician II	2.00	2.00	38,753	77,505
1440	Equipment Operator II	11.00	11.00	40,839	449,230
1445	Equipment Operator III	1.00	1.00	42,572	42,572
1513	Heavy Truck Driver I	2.00	2.00	35,602	71,203
1535	Clerical Assistant II	1.00	0.00	-	-
1575	Data Entry Operator	1.00	0.00	-	-
1734	Principal Water Utility Suprv	3.00	3.00	54,322	162,965
1870	Senior Water Utility Supv	7.00	8.00	46,856	374,848
1902	Storekeeper I	1.00	1.00	34,028	34,028
1978	Utility Worker I	62.00	71.00	29,662	2,106,007
1985	Welder	3.00	0.00	-	-
1991	Water Utility Supervisor	17.00	19.20	42,759	820,971
1992	Water Utility Worker	40.00	46.00	32,682	1,503,368
2270	Program Manager	1.00	1.00	75,967	75,967
	Field Training Pay				84,253
	Overtime Budgeted				258,159
<b>TOTAL</b>		<b>166.00</b>	<b>181.20</b>	<b>\$ 6,659,083</b>	



## description and salary schedule

**reservoir  
construction &  
maintenance<sup>(1)</sup>**

This program provides overall maintenance for the dams, water reservoirs, pump stations, water conduits, and pipelines. In addition, this section provides services to insure the division is in compliance with federal and state regulations and mandates and maintains over 20,000 acres of land.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1288	Carpenter	1.00	0.00	\$ -	\$ -
1428	Electrician	1.00	0.00	-	-
1436	Equipment Technician I	1.00	0.00	-	-
1438	Equipment Technician II	2.00	0.00	-	-
1440	Equipment Operator II	3.00	0.00	-	-
1467	Grounds Maintenance Worker I	1.00	0.00	-	-
1468	Grounds Maintenance Worker II	3.00	0.00	-	-
1870	Senior Water Utility Supervisor	2.00	0.00	-	-
1974	Senior Water Utility Supervisor	1.00	0.00	-	-
1978	Utility Worker	11.00	0.00	-	-
1985	Welder	1.00	0.00	-	-
1991	Water Utility Supervisor	4.00	0.00	-	-
1992	Water Utility Worker	6.00	0.00	-	-
<b>TOTAL</b>		<b>37.00</b>	<b>0.00</b>	<b>\$</b>	<b>-</b>

<sup>(1)</sup> In Fiscal Year 2001 this Activity Group was consolidated with the Systems Operations Activity Group.

# Water

## Water Operations

### description and salary schedule

#### system operations

This program coordinates all raw and treated water for the distribution system and treatment plant operations and maintenance to provide uninterrupted water service to the City of San Diego. Raw water is chemically treated, filtered, and disinfected to produce clear, odorless, potable water meeting applicable health regulations. This program operates and maintains water pump stations, reservoirs, water storage facilities, major transmission pipelines, and related equipment. This program monitors and controls water system operations through "Supervisory Control and Data Acquisition" (SCADA) that acquires data from various Water Department facilities via leased telephone circuits and radios and updates the system with new and historical data.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1153	Assistant Engineer-Civil	1.00	0.00	\$ -	\$ -
1221	Associate Engineer-Civil	1.00	0.00	-	-
1223	Associate Engineer-Electrical	1.00	1.00	63,209	63,209
1288	Carpenter	0.00	1.00	42,208	42,208
1423	Senior Drafting Aide	1.00	0.00	-	-
1428	Electrician	0.00	1.00	46,796	46,796
1436	Equipment Technician I	10.00	10.00	36,196	361,963
1438	Equipment Technician II	11.00	13.00	38,753	503,784
1440	Equipment Operator II	0.00	3.00	40,839	122,517
1443	Electronics Technician	1.00	1.00	47,274	47,274
1468	Grounds Maintenance Worker II	0.00	3.00	29,483	88,448
1522	Instrumentation & Control Supv	1.00	1.00	56,156	56,156
1523	Instrumentation & Control Tech	6.00	8.00	48,620	388,963
1652	Plant Technician I	5.00	5.00	38,009	190,045
1653	Plant Technician II	3.00	3.00	40,577	121,731
1654	Plant Technician III	3.00	3.00	44,792	134,377
1666	Plant Process Ctrl Electrician	3.00	3.00	48,858	146,574
1668	Plant Process Ctrl Supv	1.00	1.00	56,135	56,135
1669	Plant Technician Supervisor	3.00	3.00	51,401	154,202

## description and salary schedule

system operations

continued

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1734	Principal Water Utility Supv	1.00	1.00	\$ 54,322	\$ 54,322
1746	Word Processing Operator	1.00	0.00	-	-
1870	Senior Water Utility Supv	2.00	5.00	46,856	234,280
1946	Tank Service Technician I	8.00	8.00	32,084	256,668
1947	Tank Service Technician II	2.00	2.00	35,702	71,405
1974	Utility Supervisor	0.00	1.00	42,818	42,818
1978	Utility Worker I	5.00	14.00	29,662	415,269
1985	Welder	0.00	4.00	43,805	175,221
1986	Water Operations Supervisor	3.00	3.00	60,678	182,033
1987	Senior Water Operations Supv	3.00	3.00	70,477	211,431
1988	Water Plant Operator	17.00	17.00	52,540	893,177
1991	Water Utility Supervisor	1.00	4.80	42,759	205,243
1992	Water Utility Worker	4.00	10.00	32,682	326,819
2270	Program Manager	1.00	1.00	84,079	84,079
	Field Training Pay				347,012
	Overtime Budgeted				281,838
<b>TOTAL</b>		<b>99.00</b>	<b>133.80</b>	<b>\$</b>	<b>6,305,997</b>

# Water

## Water Operations

### description and salary schedule

#### lakes and recreation/ reservoir management

This program utilizes the City's municipal water supply reservoirs for outdoor, water-based recreational activities compatible with safe, potable water. The program responds to inquiries from the public and enforces lake rules and policies. The program patrols dams and reservoir properties protecting City's watersheds and safeguards against trespassers. The program performs maintenance and repair work on boats, docks, floats, buildings, and other lake equipment and facilities. General landscaping, grounds maintenance, and dam inspections are performed to measure dam cracks and water leakage. The program also includes a departmental dive team performing recoveries, inspections, and repairs associated with raw water/treated water reservoirs, standpipes, and water treatment plants.

CLASS NUMBER	POSITION TITLE	POSITION YEARS		SALARIES AND WAGES	
		FY 2000	FY 2001	CLASS	TOTAL
1193	Assistant Reservoir Keeper	9.00	9.00	\$ 33,459	\$ 301,134
1398	Ranger/Diver I	4.00	4.00	42,990	171,961
1399	Ranger/Diver II	2.00	2.00	46,440	92,879
1400	Ranger/Diver Supervisor	1.00	1.00	53,552	53,552
1437	Equipment Mechanic	1.00	1.00	44,028	44,028
1560	Lake Aide II	15.00	15.00	27,188	407,823
1599	Lakes Program Manager	1.00	1.00	66,622	66,622
1622	Biologist III	1.00	1.00	61,776	61,776
1746	Word Processing Operator	1.00	0.00	-	-
1817	Reservoir Keeper	8.00	8.00	39,418	315,343
1870	Senior Water Utility Supv	1.00	1.00	46,856	46,856
1978	Utility Worker I	0.00	1.00	29,662	29,662
	Temporary Help				79,101
	Overtime Budgeted				75,102
	<b>TOTAL</b>	<b>44.00</b>	<b>44.00</b>	<b>\$</b>	<b>1,745,839</b>

capital improvements program management division summary			
	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
Positions	28.00	29.00	31.00
Personnel Expense	\$ 2,482,003	\$ 2,299,909	\$ 2,598,390
Non-Personnel Expense	119,760,562	106,054,581	144,646,847
TOTAL	\$ 122,242,565	\$ 108,354,490	\$ 147,245,237

The Water Department's Alvarado Reservoirs and Garden was named Public Works Project of the Year by the American Public Works Association at a ceremony in September 1999. Deputy City Manager George Loveland accepted the award on behalf of the city. The Alvarado Reservoirs and Garden has a variety of unique and noteworthy components including the large size and circular shape of the reservoirs and an environmentally sensitive nature study garden.

### division staffing

	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
Division Management	4.00	1.00	1.00
Special Projects	0.00	1.00	1.00
Operations Liason	3.00	5.00	5.00
Capital Improvement Projects	21.00	22.00	24.00
TOTAL	28.00	29.00	31.00

### division expenditures

Division Management	\$ 921,421	\$ 824,294	\$ 346,979
Project Mgmt- Water Treatment Plants	105,279	32,151	31,097
Project Mgmt- North	124,921	36,116	35,062
Project Mgmt- South	120,375	25,846	34,652
Special Projects	134,202	92,496	100,976
Operations Liaison	201,335	486,554	728,874
Capital Improvement Projects	120,635,032	106,857,033	145,967,597
TOTAL	\$ 122,242,565	\$ 108,354,490	\$ 147,245,237

# Water

## Capital Improvements Program Management

### significant budget adjustments

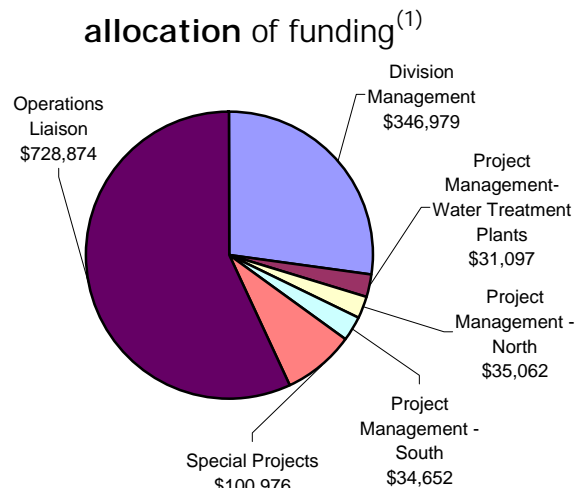
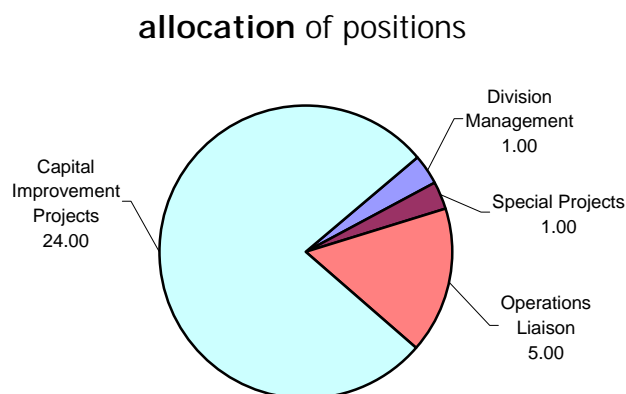


Construction on the Point Loma Reservoir Improvement Project is part of the Water Department's \$773 million Capital Improvements Program. Originally built in 1944 as a Defense Public Works Project, the reservoir has a storage capacity of 10 million gallons and is a vital component of the Point Loma water supply system. The total project cost is approximately \$3.8 million and is scheduled to be completed in the summer of 2000.

	POSITIONS	COST
Personnel expense adjustments <sup>(1)</sup>	0.00	\$138,000
Municipal Water Projects Program	0.00	\$39,667,000
Contractual services	0.00	\$250,000
Staffing and support for Capital Improvements Program	2.00	\$172,000
Supplies and services	0.00	\$65,000
Reclaimed Water Projects Program	0.00	(\$817,000)
Automated support for department and Citywide information systems	0.00	(\$553,000)
Onetime expenses	0.00	(\$20,000)
Motive equipment assignment and usage charges	0.00	(\$11,000)

<sup>(1)</sup> Adjustments to reflect the annualization of the Fiscal Year 2000 salary increases, Fiscal Year 2001 negotiated salary increases, average salaries and fringe benefits.

### division allocation



<sup>(1)</sup> The Allocation of Funding chart does not reflect \$ 145,967,597 for the Capital Improvement Projects activity group. Personnel costs for this activity group are budgeted in the Capital Improvements Program budget.

### performance measures

#### project management – water treatment plants

#### Section Management

To effectively manage assigned capital improvement projects so that section activities meet their objectives and projects are on schedule and within their budgeted allocations.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$28,637	\$89,216 <sup>(1)</sup>	\$93,243 <sup>(1)</sup>
<b>Output</b>				
# of section activities performed	N/A	2	2	2
<b>Internal Outcome</b>				
# of activities meeting objectives	N/A	2	2	2
<b>External Outcome</b>				
% of time capital improvement projects are effectively managed	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per activity	N/A	\$14,319	\$44,608	\$46,622

<sup>(1)</sup> Input amounts for Fiscal Years 2000 and 2001 include position costs which are budgeted in the Capital Improvements Program.

# Water

## Capital Improvements Program Management

### performance measures

#### project management – north

##### Section Management

To effectively manage assigned capital improvement projects so that section activities meet their objectives and projects are on schedule and within their budgeted allocations.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$21,703	\$89,099 <sup>(1)</sup>	\$93,243 <sup>(1)</sup>
<b>Output</b>				
# of section activities performed	N/A	2	2	2
<b>Internal Outcome</b>				
# of section activities meeting objectives	N/A	2	2	2
<b>External Outcome</b>				
% of time capital improvement projects are effectively managed	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per activity	N/A	\$10,852	\$44,550	\$46,642

<sup>(1)</sup> Input amounts for Fiscal Years 2000 and 2001 include position costs which are budgeted in the Capital Improvements Program.

#### project management – south

##### Section Management

To effectively manage assigned capital improvement projects so that section activities meet their objectives and projects are on schedule and within their budgeted allocations.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$20,814	\$89,099 <sup>(1)</sup>	\$93,243 <sup>(1)</sup>
<b>Output</b>				
# of section activities performed	N/A	2	2	2
<b>Internal Outcome</b>				
# of section activities meeting objectives	N/A	2	2	2
<b>External Outcome</b>				
% of time capital improvement projects are effectively managed	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per activity	N/A	\$10,407	\$44,550	\$46,622

<sup>(1)</sup> Input amounts for Fiscal Years 2000 and 2001 include position costs which are budgeted in the Capital Improvements Program.



### performance measures

#### operations liaison

#### Operations Liaison

To coordinate and complete 100% of the requested reviews of Capital Improvements Program (CIP) managed projects within time frames agreed upon with project managers.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$155,581	\$165,461	\$162,554
<b>Output</b>				
# of reviews coordinated and performed	N/A	90	60	90
<b>Internal Outcome</b>				
# of reviews coordinated and performed within set turn around times	N/A	90	60	90
<b>External Outcome</b>				
% of time that project requirements are effectively coordinated and communicated between Water Operations, Water CIP Project Management, and Construction Management	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per operations' review of cast iron water main replacement projects and CIP-managed projects	N/A	\$1,729	\$2,758	\$1,806

# Water

## Capital Improvements Program Management

### description and salary schedule

#### division management

This program provides management and overall supervision to the Water Department's Capital Improvements Program to insure that all capital improvement projects are completed on schedule, within budget, and meet all federal, state, and local agency rules, regulations, and policies. This program manages the design and construction of complex capital projects, oversees the technical aspects of the capital program, and insures coordination of capital improvements with operational concerns.

CLASS NUMBER	POSITION TITLE	POSITION YEARS			SALARIES AND WAGES	
		FY 2000	FY 2001		CLASS	TOTAL
2214	Deputy Director	1.00	1.00	\$	93,126	\$ 93,126
	<b>TOTAL</b>	<b>1.00</b>	<b>1.00</b>			<b>\$ 93,126</b>

#### special projects

This program provides assistance to Capital Improvements Program Management with special projects to support the overall program.

CLASS NUMBER	POSITION TITLE	POSITION YEARS			SALARIES AND WAGES	
		FY 2000	FY 2001		CLASS	TOTAL
1855	Senior Civil Engineer	1.00	1.00	\$	72,361	\$ 72,361
	Ex Perf Pay-Classified					3,396
	Overtime Budgeted					1,637
	<b>TOTAL</b>	<b>1.00</b>	<b>1.00</b>			<b>\$ 77,394</b>

## description and salary schedule

## operations liaison

This program insures that the operational perspective is brought to bear in resolving project and system issues related to the program. It provides a conduit between the Water Operations Division and the Capital Improvements Program Management Division, and serves as the initial “think-tank” for operational alternatives that may assist the project managers with cost saving opportunities in construction of particular projects.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1153	Assistant Engineer-Civil	1.00	1.00	\$ 54,509	\$ 54,509
1221	Associate Engineer-Civil	1.00	1.00	62,852	62,852
1855	Senior Civil Engineer	1.00	1.00	72,361	72,361
1870	Senior Water Utility Supv	1.00	1.00	46,856	46,856
1987	Senior Water Operations Supv	1.00	1.00	70,477	70,477
	Ex Perf Pay-Classified				585
	Temporary Help				32,718
	Overtime Budgeted				7,359
	<b>TOTAL</b>	<b>5.00</b>	<b>5.00</b>	<b>\$</b>	<b>347,717</b>

## capital improvement projects

This program is responsible for the design, design reviews, construction, upgrade, and expansion of the Alvarado, Otay, and Miramar water treatment plants. Other responsibilities include the design, design reviews, and construction management of water system infrastructure capital projects in the northern and southern regions of San Diego. In addition, this section is also responsible for pipelines, reservoirs, and pump station projects. This section provides funding for design and construction of all water capital improvement projects.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1153	Assistant Engineer-Civil	8.00	8.00	\$ 54,509	\$ 436,075
1221	Associate Engineer-Civil	8.00	10.00	62,852	628,519
1727	Principal Engineering Aide	3.00	3.00	48,925	146,775
1855	Senior Civil Engineer	3.00	3.00	72,361	217,084
	Temporary Help				98,151
	Overtime Budgeted				32,256
	<b>TOTAL</b>	<b>22.00</b>	<b>24.00</b>	<b>\$</b>	<b>1,558,860</b>

# Water

## Capital Improvements Program Management

### description and salary schedule

#### project management- water treatment plants

This program provides non-personnel funding for the design, design reviews, construction, upgrade, and expansion of the Alvarado, Otay, and Miramar water treatment plants. (No personnel expenses are budgeted in this activity.)

#### project management- north

This program provides non-personnel funding for design, design reviews, and construction management of water system infrastructure capital projects in the northern geographical region of San Diego. This section is responsible for pipelines, reservoirs, and pump station projects. (No personnel expenses are budgeted in this activity.)

#### project management- south

This program provides non-personnel funding for design, design reviews, and construction management of water system infrastructure capital projects in the southern geographical region of San Diego. This section is responsible for pipelines, reservoirs, and pump station projects. (No personnel expenses are budgeted in this activity.)

# Water

## Water Policy, CIP Finance, and Planning

water policy, cip finance, and planning division summary			
	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
Positions	34.00	42.00	55.00
Personnel Expense	\$ 1,539,166	\$ 2,605,949	\$ 3,783,878
Non-Personnel Expense	11,000,394	22,588,210	23,362,562
TOTAL	\$ 12,539,560	\$ 25,194,159	\$ 27,146,440

	FY 1999 ACTUAL	FY 2000 BUDGET	FY 2001 PROPOSED
<b>division staffing</b>			
Division Management	0.00	3.00	8.00
Administration	24.00	25.00	28.00
Project Mgmt Planning & Development	9.00	11.00	16.00
Public Information	1.00	3.00	3.00
TOTAL	34.00	42.00	55.00
<b>division expenditures</b>			
Division Management	\$ 29,544	\$ 242,053	\$ 1,440,611
Administration	11,202,043	23,620,593	23,935,188
Project Mgmt Planning & Development	968,746	859,433	1,285,127
Public Information	339,227	472,080	485,514
TOTAL	\$ 12,539,560	\$ 25,194,159	\$ 27,146,440

# Water

## Water Policy, CIP Finance, and Planning

### significant budget adjustments



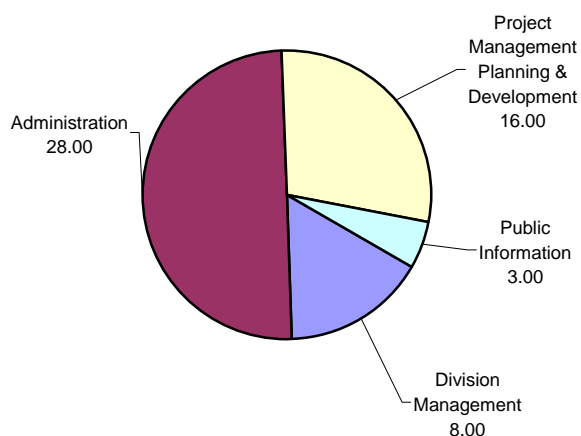
Construction crews began excavation work for the new filters during the first phase of the expansion and improvement to the Alvarado Treatment Plant, the “heart” of the City’s water system.

	POSITIONS	COST
Personnel expense adjustments <sup>(1)</sup>	0.00	\$182,000
Contractual services	0.00	\$1,100,000
Transfer of staffing and support from Metropolitan Wastewater Department/Engineering and Program Management, Fund 41509	3.00	\$250,000
Staffing and support for Project Development Program	3.00	\$237,000
Rent	0.00	\$229,000
Staffing and support for Contract Procurement Program	2.00	\$183,000
Staffing and support for Water Modeling Program	2.00	\$131,000
Staffing and support for Environmental Services Program	1.00	\$74,000
Staffing and support for Division Management Program	1.00	\$97,000
Automated support for department and Citywide information	1.00	(\$525,000)
Motive equipment usage and assignment	0.00	(\$6,000)

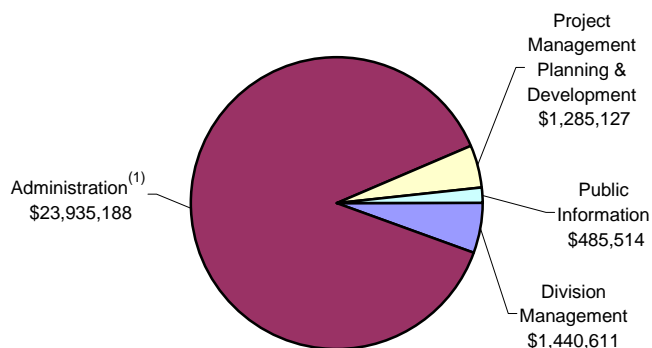
<sup>(1)</sup> Adjustments to reflect the annualization of the Fiscal Year 2000 salary increases, Fiscal Year 2001 negotiated salary increases, average salaries and fringe benefits.

### division allocation

allocation of positions



allocation of funding



(1) Administration includes \$18,802,607 in Bond Debt Service.

### performance measures

#### administration

#### CIP Finance/Bond

To track, record, and reconcile financial information for 65 active capital improvement projects; insure that invoices are processed within deadlines; docket requests for Council action; and process requests for City Manager approval within four City weeks 98% of the time.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$297,744	\$352,685	\$378,564
<b>Output</b>				
# of documents processed and capital projects tracked	N/A	65	665	865
<b>Internal Outcome</b>				
# of documents processed within deadline	N/A	N/A	600	783
# of projects tracked, recorded, and reconciled within deadline	N/A	65	65	65
<b>External Outcome</b>				
% of documents processed within deadlines	N/A	N/A	N/A	100%
% of capital projects accurately tracked, recorded, and reconciled within deadline	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per capital improvement project/document processed	N/A	\$4,581	\$530	\$438

# Water

## Water Policy, CIP Finance, and Planning

### performance measures

#### administration

##### Management Information Systems

Annually maintain 170 personal computers and one local area network (LAN) system for the division so that division staff is provided with adequate service.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$132,985	\$124,265	\$192,724
<b>Output</b>				
# of personal computers and LAN systems to maintain	N/A	104 computers/ 1 LAN	98 computers/ 1 LAN	170 computers/ 1 LAN
<b>Internal Outcome</b>				
# of personal computers and LAN systems maintained	N/A	104 computers/ 1 LAN	98 computers/ 1 LAN	170 computers/ 1 LAN
<b>External Outcome</b>				
% of time personal computers are provided to division staff	N/A	100%	100%	100%
% of downtime for LAN system	N/A	0.04%	0.02%	0.02%
<b>Efficiency</b>				
Average cost per personal computer and LAN system <sup>(1)</sup>	N/A	\$1,267	\$1,255	\$1127

#### administration

##### Contract Procurement

To select, negotiate, and prepare 50 agreements for all design and specialty consultants required for implementing the annual Water Department Capital Improvements Program.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$109,438	\$286,631	\$474,027
<b>Output</b>				
# of agreements/ amendments prepared	N/A	40	40	50
<b>Internal Outcome</b>				
# of agreements prepared as a percentage of total number required for the year	N/A	40	40	50
<b>External Outcome</b>				
% of time that effective agreements are prepared or amended for implementing the annual capital improvement program	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per agreement/amendment prepared	N/A	\$2,736	\$7,166	\$9,481



### performance measures

#### project management, planning, and development

#### Water Modeling

To prepare 100% of the water modeling studies required to support the Water Department's Capital Improvements Program for the current fiscal year.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$391,255	\$321,979	\$482,799
<b>Output</b>				
Cost of projects modeled	N/A	N/A	\$50,000,000	\$50,000,000
<b>Internal Outcome</b>				
# of projects modeled	N/A	64	12	12
<b>External Outcome</b>				
% of requested water modeling studies prepared to support capital improvement program for the current fiscal year	N/A	100%	100%	100%
<b>Efficiency</b>				
Average cost per every \$1,000 worth of projects modeled	N/A	N/A	\$6.44	\$9.66

#### public information

#### Public Information

To effectively provide accurate and timely information to our target audiences and stakeholders via the public information line by responding to 300 requests and producing communication material that clearly conveys information regarding the Capital Improvements Program (CIP) within deadlines 95% of the time.

	FY 1998 Actual	FY 1999 Actual	FY 2000 Budget	FY 2001 Proposed
<b>Input</b>				
	N/A	\$339,227	\$472,080	\$485,515
<b>Output</b>				
# of requests responded to	N/A	441	600	300
<b>Internal Outcome</b>				
# of requests responded to within 24 hours	N/A	417	570	285
<b>External Outcome</b>				
% of time CIP project information is communicated timely and accurately to interested citizens	N/A	95%	95%	95%
<b>Efficiency</b>				
Average cost per information item produced	N/A	\$769	\$787	\$1,618

# Water

Water Policy, CIP Finance, and Planning

## description and salary schedule

### division management

This program provides management and overall supervision of the division to insure that all capital improvement projects are completed on schedule, are within budget, and meet all federal, state, and local agency rules, regulations, and policies. This program oversees the planning and financial aspects of the capital program, is responsible for the environmental coordination of all capital improvement projects, and represents the City on water issues at the local, regional, and state levels. It also provides water research and development services for water and reclaimed water supply projects.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1153	Assistant Engineer-Civil	0.00	1.00	\$ 54,509	\$ 54,509
1221	Associate Engineer-Civil	0.00	1.00	62,852	62,851
1227	Associate Planner	0.00	1.00	53,375	53,375
1746	Word Processing Operator	1.00	1.00	31,157	31,157
1752	Project Officer II	0.00	2.00	72,541	145,083
1872	Senior Planner	1.00	1.00	61,872	61,872
2214	Deputy Director	0.00	1.00	93,126	93,126
2270	Program Manager	1.00	0.00	-	-
	Ex Perf Pay-Classified				936
	Overtime Budgeted				7,511
	<b>TOTAL</b>	<b>3.00</b>	<b>8.00</b>	<b>\$</b>	<b>510,420</b>

## description and salary schedule

## administration

This program tracks and monitors capital improvement project expenditures; develops and administers the division's budget; acts as liaison to the City's financing services program and the bond community; and is responsible for contract administration, records management, computer support, and clerical support.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1104	Account Clerk	2.00	2.00	\$ 31,128	\$ 62,255
1106	Senior Management Analyst	2.00	2.00	61,068	122,135
1107	Administrative Aide II	1.00	2.00	42,493	84,985
1153	Assistant Engineer-Civil	1.00	1.00	54,509	54,509
1218	Associate Management Analyst	5.00	5.00	54,267	271,339
1221	Associate Engineer-Civil	1.00	3.00	62,852	188,555
1348	Information Systems Analyst II	1.00	1.00	52,755	52,755
1401	Information Systems Technician	1.00	2.00	41,689	83,377
1535	Clerical Assistant II	1.00	0.00	-	-
1746	Word Processing Operator	4.00	5.00	31,157	155,787
1776	Public Information Clerk	3.00	3.00	34,436	103,307
1855	Senior Civil Engineer	1.00	1.00	72,361	72,361
1879	Senior Clerk/Typist	1.00	0.00	-	-
1917	Supervising Management Analyst	1.00	1.00	66,322	66,322
	Ex Perf Pay-Classified				3,398
	Overtime Budgeted				27,817
<b>TOTAL</b>		<b>25.00</b>	<b>28.00</b>	<b>\$</b>	<b>1,348,902</b>

# Water

Water Policy, CIP Finance, and Planning

## description and salary schedule

### project management, planning, and development

This program manages and executes all planning phase responsibilities. This effort ranges from long range system master planning to project definition and development to an approximate ten percent design level of effort.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1153	Assistant Engineer-Civil	5.00	9.00	\$ 54,509	\$ 490,586
1221	Associate Engineer-Civil	2.00	3.00	62,852	188,555
1727	Principal Engineering Aide	2.00	2.00	48,925	97,850
1746	Word Processing Operator	1.00	1.00	31,157	31,157
1855	Senior Civil Engineer	1.00	1.00	72,361	72,361
	Ex Perf Pay-Classified				2,108
	Temporary Help				65,434
	Overtime Budgeted				20,140
<b>TOTAL</b>		<b>11.00</b>	<b>16.00</b>	<b>\$</b>	<b>968,191</b>

### public information

This program provides capital improvement project information to the media and assists with public information and coordination with community groups and impacted area residents.

CLASS		POSITION YEARS		SALARIES AND WAGES	
NUMBER	POSITION TITLE	FY 2000	FY 2001	CLASS	TOTAL
1727	Principal Engineering Aide	1.00	1.00	\$ 48,925	\$ 48,925
1777	Public Information Officer	1.00	1.00	43,242	43,242
1871	Sr Public Info Officer	1.00	1.00	53,343	53,343
	Ex Perf Pay-Classified				351
	Overtime Budgeted				3,359
<b>TOTAL</b>		<b>3.00</b>	<b>3.00</b>	<b>\$</b>	<b>149,220</b>

## revenue and expense statement

<b>WATER FUND 41500</b>	<b>FY 1999 ACTUAL</b>	<b>FY 2000 ESTIMATED</b>	<b>FY 2001 PROPOSED</b>
<b>BEGINNING BALANCE AND RESERVE</b>			
Balance from Prior Year <sup>(1)</sup>	\$ 29,494,351	\$ 20,386,233	\$ 53,122,079
Balance from Reserve	-	40,972,000	41,602,000
Prior Year Continuing Appropriations	43,548,221	118,908,831	64,961,919
Prior Year Encumbrances Canceled	2,186,838	-	-
<b>TOTAL BALANCE</b>	<b>\$ 75,229,410</b>	<b>\$ 180,267,064</b>	<b>\$ 159,685,998</b>
<b>REVENUE</b>			
Financing Proceeds	\$ 138,608,246	\$ 100,000,000	\$ 100,000,000
Capacity Charges	14,671,450	13,893,660	14,000,000
Contributions in Aid	2,718,181	30,185	30,000
Grant Receipts	2,337,891	7,520,640	-
Grants Reimbursable <sup>(2)</sup>	121,282	121,282	121,282
Operating Federal Grants <sup>(2)</sup>	2,812,802	2,812,802	2,812,802
Reimbursement from Capital Outlay Fund	1,827,668	75,647	100,000
Sale of Water	168,193,098	195,278,468	194,000,000
Reclaimed Water	921,683	1,392,949	1,144,600
Service Charges	200,823	283,645	185,000
Land and Building Rentals	2,777,946	2,907,554	2,866,500
New Water Services	1,178,912	1,407,606	1,274,400
Sale of Discarded Materials	24,468	17,196	20,000
Interest Earnings	8,257,567	10,217,063	9,000,000
Damages Recovered	671,301	214,240	102,000
Services Rendered to Others	7,873,488	3,215,218	3,446,919
Other Revenue	793,720	2,436,628	198,100
Lakes Recreation	1,324,501	1,446,979	1,328,900
<b>TOTAL REVENUE</b>	<b>\$ 355,315,027</b>	<b>\$ 343,271,762</b>	<b>\$ 330,630,503</b>
<b>TOTAL BALANCE AND REVENUE</b>	<b>\$ 430,544,437</b>	<b>\$ 523,538,826</b>	<b>\$ 490,316,501</b>

<sup>(1)</sup> Prior Year adjustment made to Continuing Appropriations in Fiscal Year 1999.

<sup>(2)</sup> Estimated at Fiscal Year 1999 amounts until year-end information is provided in Annual Financial Report for Fiscal Years 2000 and 2001.

# Water

## Water Fund

### revenue and expense statement

	FY 1999 ACTUAL	FY 2000 ESTIMATED	FY 2001 PROPOSED
<b>CAPITAL IMPROVEMENTS PROGRAM</b>			
CIP Expenditures/Budget	\$ 58,661,898	\$ 150,576,356	\$ 145,967,597
<b>TOTAL CAPITAL IMPROVEMENTS PROGRAM</b>	<b>\$ 58,661,898</b>	<b>\$ 150,576,356</b>	<b>\$ 145,967,597</b>
<b>OPERATING EXPENSE</b>			
Department Expenses	\$ 92,470,770	\$ 81,551,167	\$ 104,414,371
Water Purchases	77,084,092	93,920,902	109,900,000
Infrastructure Access Charge	2,127,234	4,254,468	4,254,468
Readiness-To-Serve	3,335,967	3,321,326	3,487,392
In-Lieu Taxes	791,645	889,765	934,253
Transfers to Other Funds	7,325,449	6,851,866	5,176,866
Unallocated Reserve	-	3,757,371	3,757,371
Debt Service	8,480,318	18,729,607	18,802,607
<b>TOTAL OPERATING EXPENSE</b>	<b>\$ 191,615,475</b>	<b>\$ 213,276,472</b>	<b>\$ 250,727,328</b>
<b>TOTAL CIP AND OPERATING EXPENSE</b>	<b>\$ 250,277,373</b>	<b>\$ 363,852,828</b>	<b>\$ 396,694,925</b>
<b>RESERVE</b>			
Capital Reserve	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
Operating Reserve	10,870,000	11,500,000	14,700,000
Secondary Purchase Reserve	9,602,000	9,602,000	9,602,000
Rate Stabilization Fund	15,500,000	15,500,000	15,500,000
Reserve for CIP Encumbrances <sup>(3)</sup>	62,578,374	57,945,602	-
Reserve for Continuing Appropriations <sup>(3)</sup>	56,330,457	7,016,317	-
<b>TOTAL RESERVES</b>	<b>\$ 159,880,831</b>	<b>\$ 106,563,919</b>	<b>\$ 44,802,000</b>
<b>BALANCE</b>	<b>\$ 20,386,233</b>	<b>\$ 53,122,079</b>	<b>\$ 48,819,576</b>
<b>TOTAL EXPENSE, RESERVE AND BALANCE</b>	<b>\$ 430,544,437</b>	<b>\$ 523,538,826</b>	<b>\$ 490,316,501</b>

<sup>(3)</sup> CIP Encumbrances and Continuing Appropriations will not be estimated until Fiscal Year 2001.

## five-year revenue and expenditure forecast

	<b>FY 2001 PROPOSED</b>	<b>FY 2002 FORECAST</b>	<b>FY 2003 FORECAST</b>	<b>FY 2004 FORECAST</b>	<b>FY 2005 FORECAST</b>
Positions	<b>823.22</b>	823.22	823.22	823.22	823.22
Personnel Expense	<b>\$ 47,976,867</b>	\$ 49,416,173	\$ 50,898,658	\$ 52,425,618	\$ 53,998,386
Non-Personnel Expense	<b>185,228,548</b>	198,575,313	209,368,274	220,582,311	232,232,021
TOTAL EXPENDITURES <sup>(1)</sup>	<b>\$ 233,205,415</b>	\$ 247,991,485	\$ 260,266,932	\$ 273,007,929	\$ 286,230,406
TOTAL REVENUE	<b>\$ 237,026,833</b>	\$ 248,878,175	\$ 261,322,084	\$ 274,388,188	\$ 288,107,597

A 3% inflation rate has been applied to the Fiscal Year 2002 – Fiscal Year 2005 expenses and revenue.

<sup>(1)</sup> Total Expenditures do not include \$14,700,000 budgeted for Operating Reserve and \$18,802,607 budgeted for Bond Debt. Department totals include operating expenditures, revenues, and associated positions only.

### Fiscal Year 2002 - Fiscal Year 2005

Additional funding is required for the replacement of the existing Customer Information System that will be phased in over a four-year period. The new system would benefit the department by providing account updates for water bills, meter services or any other account status reports.

Additional funding is required for water purchases to meet City Council Policy number 400-9, Action Plan for City's Future Water Supply. Assumed rate increase of \$5/Acre Foot/Year with Fiscal Year 2000 base year rates at \$521 and \$439 per AF treated and raw, respectively.

Additional funding is required for an increase in bond debt payment (Principal & Interest) for City Council approved bonds issued for the Capital Improvement Program.

